

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L1    | 106  | (thn film adj head) and MR and (protection or corrosion or wear or abrasion)  | US-PGPUB | OR               | OFF     | 2005/09/08 08:26 |
| L2    | 7341 | buffer adj layer  | US-PGPUB | OR               | OFF     | 2005/09/08 08:24 |
| L3    | 6    | 1 and 2   | US-PGPUB | OR               | OFF     | 2005/09/08 08:24 |
| L4    | 1832 | (thin film adj head) and MR and (protection or corrosion or wear or abrasion) | US-PGPUB | OR               | OFF     | 2005/09/08 08:26 |
| L5    | 59   | 2 and 4   | US-PGPUB | OR               | OFF     | 2005/09/08 08:26 |

| Ref # | Hits   | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L1    | 50     | ("6320726" "6204997" "6344954" "6001468" "6130805" "6154346" "6163436" "6191916" "6195872" "6233813" "5734536" "6076252" "6154347" "6255040" "6260256" "6266868" "6278580" "6296776" "6301077" "6317288" "6317289" "6330127" "6330743" "6333841" "6342990" "6353995" "6388845" "6400525" "6404602" "6414824" "6419845" "6430003" "6433960" "6441995" "6452743" "6469876" "6477004" "6477005" "6490127" "6490130" "6525905" "6558561" "6603641" "6609291" "6622371" "6646828" "6651312" "6667849" "6671135" "6728079").pn. | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/09/08 07:34 |
| L2    | 1011   | (360/122).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/09/08 07:38 |
| L3    | 33884  | MR or magnetoresistive  | USPAT              | OR               | OFF     | 2005/09/08 07:38 |
| L4    | 186    | 2 and 3   | USPAT              | OR               | OFF     | 2005/09/08 07:39 |
| L5    | 2692   | CSS   | USPAT              | OR               | OFF     | 2005/09/08 07:40 |
| L6    | 82276  | abrasion  | USPAT              | OR               | OFF     | 2005/09/08 07:40 |
| L7    | 250963 | wear  | USPAT              | OR               | OFF     | 2005/09/08 07:40 |
| L8    | 79     | 4 and (5 or 6 or 7)   | USPAT              | OR               | OFF     | 2005/09/08 07:41 |
| L9    | 151082 | corrosion   | USPAT              | OR               | OFF     | 2005/09/08 07:41 |
| L10   | 79     | 4 and (5 or 6 or 7 or 8)  | USPAT              | OR               | OFF     | 2005/09/08 07:42 |
| L11   | 82269  | film adj thickness  | USPAT              | OR               | OFF     | 2005/09/08 07:43 |
| L12   | 374    | 2 and (5 or 6 or 7 or 8)  | USPAT              | OR               | OFF     | 2005/09/08 07:44 |
| L13   | 47     | 11 and 12   | USPAT              | OR               | OFF     | 2005/09/08 07:50 |
| L14   | 12063  | buffer adj layer  | USPAT              | OR               | OFF     | 2005/09/08 07:51 |
| L15   | 1      | 4 and 14  | USPAT              | OR               | OFF     | 2005/09/08 07:51 |
| L16   | 172    | 4 not 13  | USPAT              | OR               | OFF     | 2005/09/08 08:04 |
| L17   | 36896  | MR  | USPAT;<br>JPO      | OR               | OFF     | 2005/09/08 08:05 |
| L18   | 8045   | magnetoresistive  | USPAT;<br>JPO      | OR               | OFF     | 2005/09/08 08:05 |
| L19   | 927643 | head  | USPAT;<br>JPO      | OR               | OFF     | 2005/09/08 08:05 |
| L20   | 66538  | slider  | USPAT;<br>JPO      | OR               | OFF     | 2005/09/08 08:06 |
| L21   | 3695   | CSS   | USPAT;<br>JPO      | OR               | OFF     | 2005/09/08 08:06 |

|     |        |   |               |    |     |                  |
|-----|--------|---|---------------|----|-----|------------------|
| L22 | 116928 | abrasion  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:06 |
| L23 | 306016 | wear  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:06 |
| L24 | 216906 | corrosion   | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:06 |
| L25 | 19817  | buffer adj layer  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:06 |
| L26 | 8653   | protection adj layer  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:06 |
| L27 | 878    | (17 or 18 or 19 ro 20) and (21 or 22 or 23 or 24) and (25 or 26)            | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:08 |
| L28 | 836    | (((17 or 18) adj 19) or 19 or 20) and (21 or 22 or 23 or 24) and (25 or 26) | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:10 |
| L29 | 13888  | hard adj drive  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:11 |
| L30 | 61256  | disk adj drive  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:11 |
| L31 | 10318  | disc adj drive  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:11 |
| L32 | 287979 | disc  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:11 |
| L33 | 430877 | disk  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:11 |
| L34 | 360    | 28 and (29 or 30 or 31 or 32 or 33)   | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:12 |
| L35 | 359    | 34 not 4  | USPAT;<br>JPO | OR | OFF | 2005/09/08 08:12 |